

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An erasable ink composition comprising:

a solvent system including:

a component selected from the group consisting of an optionally substituted cycloalkane, an optionally substituted cycloalkene, an optionally substituted cycloalkanone, and mixtures thereof; and

~~an organic ester~~ isobutyl butyrate;

a rubber; and

a pigment;

the solvent system present in a sufficient amount that the erasable ink composition will flow in a writing implement.

2.(Original) The erasable ink composition of claim 1 wherein the pigment is graphite powder, carbon black powder, or mixture thereof.

3.(Original) The erasable ink composition of claim 1 wherein the pigment is present in an amount of 2% to 25% of the total weight of the erasable ink composition.

4.(Original) The erasable ink composition of claim 1 wherein a sufficient amount of the solvent system is present so that the erasable ink composition has a viscosity from 20,000 cP to 60,000 cP at 25 °C.

5.(Original) The erasable ink composition of claim 1 wherein the solvent system comprises a component selected from the group consisting of an optionally substituted cycloalkane having a 4 to 7 member ring, an optionally substituted cycloalkanone having a 4 to 7 member ring, an optionally substituted cycloalkene having a 4 to 7 member ring, and mixtures thereof; and an organic ester.

6.(Original) The erasable ink composition of claim 1 wherein the solvent system comprises:

a component selected from the group consisting of cyclohexane, cyclohexanone, and mixtures thereof; and
isobutyl butyrate.

7.(Original) The erasable ink composition of claim 1 wherein the solvent system is present in an amount of 25% to 55% of the total weight of the erasable ink composition.

8.(Original) The erasable ink composition of claim 7 wherein the solvent system includes:

cyclohexane present in an amount of 40% to 80% of the total weight of the solvent system; and
isobutyl butyrate present in an amount of 20% to 60% of the total weight of the solvent system.

9.(Original) The erasable ink composition of claim 1 wherein the rubber is a natural or synthetic rubber.

10.(Original) The erasable ink composition of claim 1 wherein the rubber is a synthetic rubber which is a copolymer of styrene and isoprene.

11.(Original) The erasable ink composition of claim 1 wherein the natural or synthetic rubber is present in an amount of 10% to 40% of the total weight of the erasable ink composition.

12.(Original) The erasable ink composition of claim 1 further comprising a component selected from the group consisting of:

a plasticizer;

an additive selected from the group consisting of a corrosion inhibitor, a flow enhancing compound, and mixtures thereof;
a liquid butene polymer; and
mixtures thereof.

13.(Original) The erasable ink composition of claim 12 wherein the additive comprise a corrosion inhibitor.

14.(Original) The erasable ink composition of claim 13 wherein the corrosion inhibitor comprises a phosphate ester present in an amount of 0.5% to 6% of the total weight of the erasable ink composition.

15.(Original) The erasable ink composition of claim 12 wherein the additive comprises a flow enhancing material.

16.(Original) The erasable ink composition of claim 15 wherein the flow enhancing material is a mineral oil present in an amount of 0.5% to 12% of the total weight of the erasable ink composition.

17.(Original) The erasable ink composition of claim 12 wherein the liquid butene polymer comprises a component selected from the group consisting of polybutene, a copolymer of butene and isobutene, and mixtures thereof.

18.(Original) The erasable ink composition of claim 12 wherein the plasticizer is at least one phthalic ester selected from the group consisting a dibutyl phthalate, dioctyl phthalate, and mixtures thereof.

19.(Original) The erasable ink composition of claim 18 wherein the at least one phthalic ester is present in an amount of 3% to 25% of the total weight of the erasable ink composition.

20.(Original) The erasable ink composition of claim 18 wherein the at least one phthalic ester is a phthalic ester mixture comprising:

dibutyl phthalate in an amount of 10% to 40% of the total weight of the phthalic ester mixture; and

dioctyl phthalate in an amount of 60% to 90% of the total weight of the phthalic ester mixture.

21.(Currently Amended) An erasable ink composition comprising:

a solvent system including:

a component selected from the group consisting of an optionally substituted cycloalkane, an optionally substituted cycloalkene, an optionally substituted cycloalkanone, and mixtures thereof; and

~~an organic ester~~ isobutyl butyrate;

at least one phthalic ester selected from the group consisting a dibutyl phthalate, dioctyl phthalate, and mixtures thereof.;

a rubber;

an additive selected from the group consisting of a corrosion inhibitor, a flow enhancing compound, and mixtures thereof;

a liquid butene polymer; and

a pigment comprising graphite and carbon black.

22.(Original) The erasable ink composition of claim 21 wherein the solvent system present in a sufficient amount that the erasable ink composition will flow in a writing implement and the erasable ink composition has a viscosity from 20,000 cP to 60,000 cP at 25 °C.

23.(Original) The erasable ink composition of claim 21 wherein the solvent system comprises a component selected from the group consisting of an optionally substituted cycloalkane having a 4 to 7 member ring, an optionally substituted cycloalkanone having a 4 to 7 member ring, an optionally substituted cycloalkene having a 4 to 7 member ring, and mixtures thereof; and an organic ester.

24.(Original) The erasable ink composition of claim 21 wherein the solvent system comprises:

a component selected from the group consisting of cyclohexane, cyclohexanone, and mixtures thereof; and
isobutyl butyrate.

25.(Original) The erasable ink composition of claim 21 wherein the solvent system is present in an amount of 25% to 55% of the total weight of the erasable ink composition.

26.(Original) The erasable ink composition of claim 21 wherein the graphite is present in an amount of about 2% to about 20% of the total weight of the erasable ink composition and the carbon black is present in an amount of about 2% to about 20% of the total weight of the erasable ink composition.

27.(Original) An erasable ink composition comprising:
a solvent system including:
cyclohexane present in an amount from about 40% to about 80% of the total weight of the solvent system; and
isobutyl butyrate present in an amount from about 20% to about 60% of the total weight of the solvent system;
at least one phthalic ester selected from the group consisting a dibutyl phthalate, dioctyl phthalate, and mixtures thereof;
a rubber;
an additive selected from the group consisting of a corrosion inhibitor, a flow enhancing compound, and mixtures thereof;
a liquid butene polymer; and
a pigment comprising graphite and carbon black;
the solvent system present in a sufficient amount that the erasable ink composition will flow in a writing implement and the erasable ink composition has a viscosity from 20,000 cP to 60,000 cP at 25 °C.

28 - 29. (Cancelled)

30.(Original) The erasable ink composition of claim 27 wherein the solvent system is present in an amount of 25% to 55% of the total weight of the erasable ink composition.